



DOCKET NO. MS303259.2/MSFTP447USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **James R. Larus, et al.**
Serial No.: **10/659,221**
Filed: **September 10, 2003**
For: **CONTRACTS AND FUTURES IN AN ASYNCHRONOUS PROGRAMMING LANGUAGE**
Art Unit: **Unknown**
Examiner: **Unknown**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120; or (c) U.S. Patent(s) and published applications(s) since the subject application was filed after June 30, 2003.

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ___ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ___ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ___ Within 3 months of the filing date or date of entry into the National Stage.
- (b) X Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R.

(c) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement.

(d) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

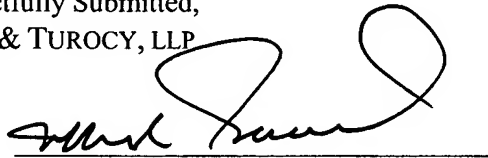
4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

Respectfully Submitted,
AMIN & TUROCY, LLP

By



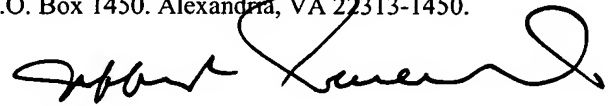
Jeffrey R. Sadlowski
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AMIN & TUROCY, LLP
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1900 E. 9th Street
Cleveland, Ohio 44114

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

Date: 3-19-2004



Jeffrey R. Sadlowski



PTO/SB/08a (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/659,221
Filing Date	9/10/03
First Named Inventor	James R. Larus
Art Unit	
Examiner Name	
Attorney Docket Number	MS303259.2/MSFTP447USA

Sheet of **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,237,134	05-22-2001	Sundaresan	
		US- 6,058,416	05-02-2000	Mukherjee	
		US- 6,195,685	02-27-2001	Mukherjee	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

Application Number

Complete if Known

10/659.221

Filing Date

9/10/03

First Named Inventor

James R. Larus

Art Unit

Examiner Name _____

Attorney Docket Number

MS303259.2/MSFTP447USA

NON PATENT LITERATURE DOCUMENTS

Examiner
Initials*Cite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

 τ^2

WILHELM HASSELBRING, Programming Languages and Systems for Prototyping Concurrent Applications, ACM Computing Surveys, Volume 32, No. 1, March 2000.

DENIS CAROMEL, et al., *Asynchronous and Deterministic Objects*, Proceedings of the 31st ACM SIGPLAN-SIGACT, pp. 123-134, 2004.

TIBERIU CHELCEA, et al., Resynthesis and Peephole Transformations for the Optimization of Large-Scale Asynchronous Systems, Proceedings of the 39th Conference on Design Automation, pp. 405-410, 2002.

**Examiner
Signature**

Date
Considered

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